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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**



Declaration
Submitted
with Initial
Filing

OR



Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

43049-0007

First Named Inventor

AWEYA, James et al.

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**RATE-BASED MULTI-LEVEL ACTIVE QUEUE MANAGEMENT WITH DROP
PRECEDENCE DIFFERENTIATION**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent ApplicationDirect all correspondence to: ☐ Customer Number OR ☒ Correspondence address below

Name

Address

City

State

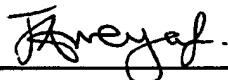
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Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name James
(first and middle [if any])Family Name AWEYA
or SurnameInventor's
Signature

Date 18 July 2003

Kanata

ON

Canada

Canadian

Residence: City

State

Country

Citizenship

24 Stikine Drive

Mailing Address

Kanata

ON

K2T 1H1

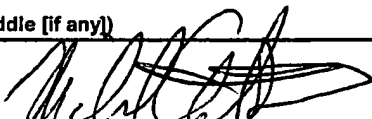
Canada

City

State

ZIP

Country

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventorGiven Name Michel
(first and middle [if any])Family Name OUELLETTE
or SurnameInventor's
Signature

Date 18 July 200

Plantagenet

ON

Canada

Canadian

Residence: City

State

Country

Citizenship

865 Concession 1

Mailing Address

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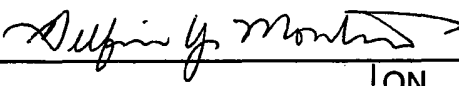
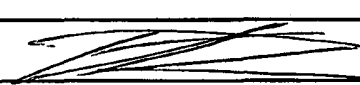
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Country

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

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DECLARATION**ADDITIONAL INVENTOR(S)****Supplemental Sheet**Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Delfin		Family Name or Surname MONTUNO	
Inventor's Signature 		Date 18 July 2003	
Residence: City Kanata	State ON	Country Canada	Citizenship Canadian
Mailing Address 122 Knudson Drive			
City Kanata			
State ON	ZIP K2K 2L8	Country Canada	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name Kent		Family Name or Surname FELSKE	
Inventor's Signature 		Date 18 July 2003	
Residence: City Kanata	State ON	Country Canada	Citizenship Canadian
Mailing Address 99 Shearer Crescent			
City Kanata		State ON	Country Canada
State ON		ZIP K2L 3V6	Country Canada
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	Country

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PATENT/DOCKET NO. _____
CUSTOMER NO. _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	§	Attorney Docket No. 43049-0007
	§	
Serial No.: n/a	§	
	§	
Filed: Herewith	§	Group Art Unit: n/a
	§	
Title: RATE-BASED MULTI-LEVEL ACTIVE QUEUE MANAGEMENT WITH DROP PRECEDENCE DIFFERENTIATION	§	Examiner: n/a

Commissioner for Patents
Washington, D.C. 20231

POWER OF ATTORNEY FOR
PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

**2351 Boulevard Alfred-Nobel
St. Laurent, Quebec H4S 2A9, Canada**

the owner by assignment of the entire right, title and interest to the invention for RATE-BASED MULTI-LEVEL ACTIVE QUEUE MANAGEMENT WITH DROP PRECEDENCE DIFFERENTIATION, by AWEYA, James; OUELLETTE, Michel; MONTUNO, Delfin; and FELSKE, Kent, and in and to the application for patent and an Letters Patent, whether domestic or foreign, that may issue thereon, hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

W. Charles Kent, Registration No. 26,135; and/or
William R. Edgar, Registration No. 27,522; and/or
Mitchell B. Charness, Registration No. 46,416; and/or
Adrian Zahl, Registration No. 35,774.

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

Please address all correspondence and telephone calls regarding this application to:

Mr. W. Charles Kent, of RIDOUT & MAYBEE P, whose full office address is 150
Metcalf Street, 19th Floor, Ottawa, Ontario K2P 1P1, Canada,
Telephone No. (613) 236-1995.

The undersigned is the representative for the Assignee of the entire right, title, and
interest in the patent application identified above, and is authorized to act on behalf of the
Assignee.

July 22, 2003
Date

NORTEL NETWORKS LIMITED


Name: J-P Fortin

DIRECTOR, IP
Title

Applicant: Nortel Networks Limited
Title: RATE-BASED MULTI-LEVEL ACTIVE QUEUE MANAGEMENT
WITH DROP PRECEDENCE DIFFERENTIATION
Serial No.: (unknown)
Filed: (unknown)
Executed: July 18, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPOINTMENT OF ASSOCIATE AGENT

The undersigned, W. Charles Kent, Registration No. 26135, and William R. Edgar, Registration No. 27522, principal attorneys and/or agents appointed to prosecute this application hereby appoint as their associate attorney and/or agent to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Lindsay McGuinness, (Registration No. 38549)

Mary Steubing, (Registration No. 37946)

of Steubing McGuinness & Manaras L.L.P. 30 Nagog Park, Acton, MA, 01720, United States of America.

Address all telephone calls to Ms. Lindsay McGuinness at (978) 264-6664 x304 and address all correspondence to Steubing McGuinness & Manaras L.L.P. at the above-captioned address.

W C Kent

W. Charles Kent

William R. Edgar